Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Version 3.0.1.0

Kernel Patch 1 Installation Guide

(HP-UX 10.20)

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Preface

The following conventions have been used in this document:

[HELVETICA FONT]	Used to indicate keys to be pressed. For example, press [RETURN].
`Courier Font`	Used to indicate entries to be typed at the keyboard, operating system commands, titles of windows and dialog boxes, file and directory names, and screen text. For example, type the following command at the prompt: `setenv boot-device diskN`
"Quotation Marks"	Used to indicate prompts and messages that appear on the screen.
Italics	Used for emphasis.

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1. Introduction

1.1 Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Kernel Patch 1 (HP-UX 10.20) encompasses the following changes:

(1) Profile switching has been modified to allow icon launching and menu switching after a profile switch or merge. Reference the *DII COE Security Manager's Guide* for more information about accounts and profiles.

(2) The following icons were removed from the `Desktop_Tools` folder and the `Desktop_Apps` folder for security reasons:

> **`Desktop_Tools` folder**
> ——Execute Command
> ——Make
> ——Shred File
> ——Text Editor (Vi)
>
> **`Desktop_Apps` folder**
> ——Create Action
> ——Text Editor

(3) A link to the shared library (libXm.sl) was created on the kernel to allow applications to use libXm.sl instead of the static version.

Reference the *DII COE Version 3.0.1.0 Version Description Document for the Kernel Patch 1* for more information about the DII COE Kernel Patch 1.

This DII COE Version 3.0.1.0 Kernel Patch 1 (HP-UX 10.20) tape is a patch segment and must be installed after the HP-UX 10.20 Operating System and the DII COE Kernel. Reference the *DII COE Kernel Installation Guide (HP-UX 10.20)* for instructions on installing the HP-UX 10.20 Operating System and the DII COE Kernel.

1.2   Referenced Documents

The following documents are referenced in this installation guide:

- C   *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 1 (HP-UX 10.20)*, DII.3010.HP1020.KernelP1.VDD-1, Inter-National Research Institute (INRI), May 9, 1997

- C   *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Kernel Installation Guide (HP-UX 10.20)*, DII.3010.HP1020.IG-1, Inter-National Research Institute (INRI), April 14, 1997

- C   *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.1 System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)*, DII.31.HPSOL.AG-1, Inter-National Research Institute (INRI), April 14, 1997.

2. Kernel Patch Installation

This DII COE Version 3.0.1.0 Kernel Patch 1 (HP-UX 10.20) tape is a patch segment and must be installed after the HP-UX 10.20 Operating System and the DII COE Kernel. Reference the *DII COE Kernel Installation Guide (HP-UX 10.20)* for instructions on installing the HP-UX 10.20 Operating System and the DII COE Kernel.

Follow the steps below to install the DII COE Version 3.0.1.0 Kernel Patch 1 (HP-UX 10.20) segment. Reference the *DII COE System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)* for more information about installing segments.

STEP 1: **Load the patch tape**. Load the patch tape into a tape drive.

STEP 2: **Log in as system administrator**. Type `sysadmin` at the `Name` prompt and press [RETURN].

STEP 3: **Enter the `sysadmin` password**. Type the `sysadmin` password at the `Password` prompt and press [RETURN]. The System Administration software appears.

STEP 4: **Select the `Segment Installer` option**. Select the `Segment Installer` option from the `Software` pull-down menu. The `Installer` window appears (Figure 1).

NOTE: Ensure that you can see the whole window by clicking on the bottom right edge of the window and dragging the trackball or mouse outward to enlarge the window.
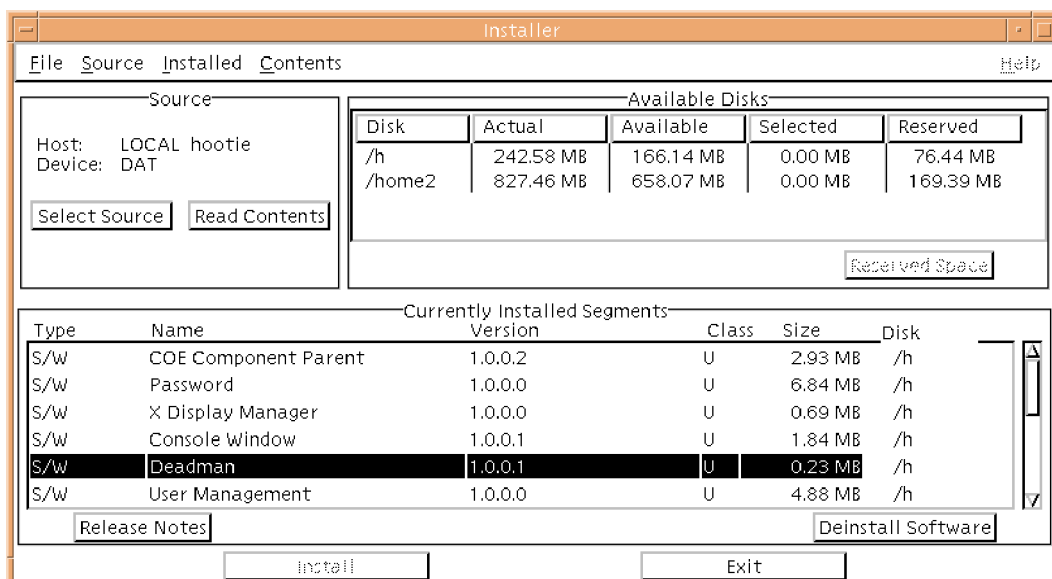

Figure 1. Installer Window

STEP 5: **Check the installation device**. The `Source` panel displays the name of the host machine and the name of the installation device. The device selection defaults to the DAT drive on the local machine. Click on the `Select Source` button in the `Source` panel to open the `Select Source` window (Figure 2) if you want to select the `REMOTE` option to install from a remote machine.
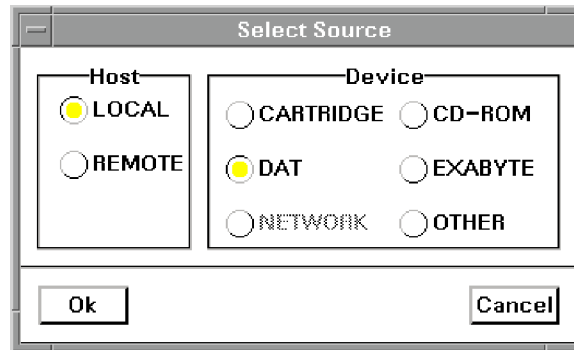

Figure 2. Select Source Window

STEP 6: **Read the table of contents of the DAT**. Click on the `Read Contents` button in the `Source` panel. The media is scanned, and the `Installer` window adds the `Select Software To Install` panel. This panel lists the `DII COE 3.0.1.0 Kernel Patch 1` segment, which is the patch to be installed. Figure 3 shows a sample `Installer` window with a `Select Software To Install` panel.
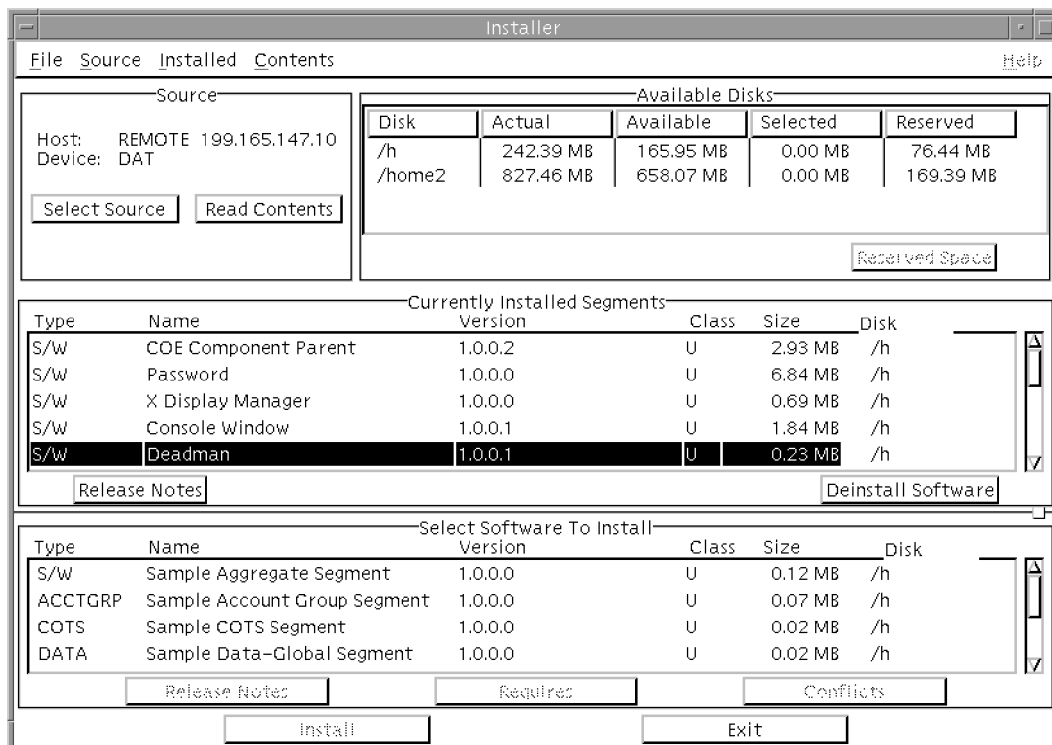

Figure 3. Installer Window with Select Software To Install Panel

STEP 7:   **Select the segment that you want to install**. Click on the `DII COE 3.0.1.0 Kernel Patch 1` segment in the `Select Software To Install` panel to select it for installation. The `Available Disks` panel then displays the mounted disk drives on the system and the remaining available disk space as the segment is selected.

STEP 8:   **View release notes for the segment**. Click on the `Release Notes` button in the `Select Software To Install` panel to display release notes for the `DII COE 3.0.1.0 Kernel Patch 1` segment. The `RELEASE NOTES` window appears. Figure 4 shows a sample `RELEASE NOTES` window.
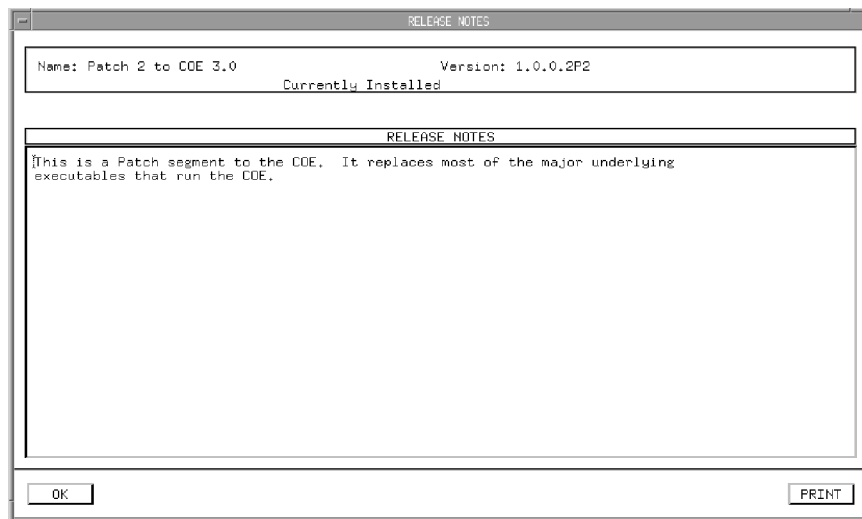

Figure 4. RELEASE NOTES Window

STEP 9: **View segments that need to be installed**. Click on the `Requires` button in the `Select Segment To Install` panel. The `REQUIRED SEGMENTS` window appears, which lists the COE 1.0.0.2 segment, which needs to be installed before installing the `DII COE 3.0.1.0 Kernel Patch 1` segment. The COE 1.0.0.2 segment was installed as part of the DII COE Version 3.0.1.0 kernel. Figure 5 shows a sample `REQUIRED SEGMENTS` window.
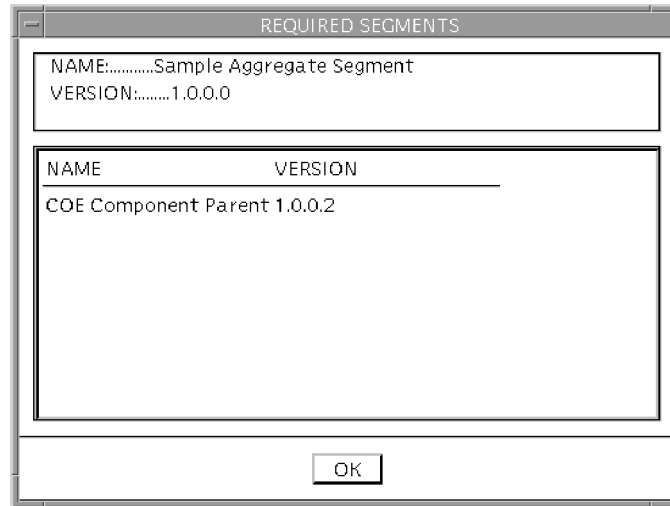

Figure 5. REQUIRED SEGMENTS Window

NOTE: You do not need to click on the `Conflicts` button in the `Select Segment To Install` panel because the `DII COE 3.0.1.0 Kernel Patch 1` segment has no conflicting segments.

STEP 10: **Begin the installation process for the segment**. Click on the `Install` button once the `DII COE 3.0.1.0 Kernel Patch 1` segment is selected. The `Installer Status` window appears, which shows the segment to be installed and the size of the segment. This window also shows a `Percent Complete` status bar, which shows the status of the installation.

STEP 11: **Ensure the segment installed correctly**. Once the installation is complete, the `DII COE 3.0.1.0 Kernel Patch 1` segment appears in the `Currently Installed Segments` panel of the `Installer` window.

STEP 12: **Display a detailed log of the installation process**. Select the `Installation Log` option from the `Installed` pull-down menu once installation has completed to display a message stating that the patch installed successfully.

STEP 13: **Exit the `Installer` window**. Click on the `Exit` button to exit the `Installer` window once you have installed the `DII COE 3.0.1.0 Kernel Patch 1` segment.